



UNDERGROUND STORAGE TANK Tightness Testing Checklist

C J.S.

The purpose of this form is to certify the proper tightness testing of underground storage tank (UST) systems including connected underground piping. Tightness testing shall be conducted in accordance with Chapter 173-360 WAC.

This Tightness Testing Checklist shall be completed and signed by a Licensed Tightness Testing Supervisor. The supervisor shall be on site when all tank tightness testing activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider.

A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

For further information about completing this form, please contact the Department of Ecology UST Section.

The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours.

APR 12 1995

ECOLOGY

1. UST SYSTEM OWNER AND LOCATION

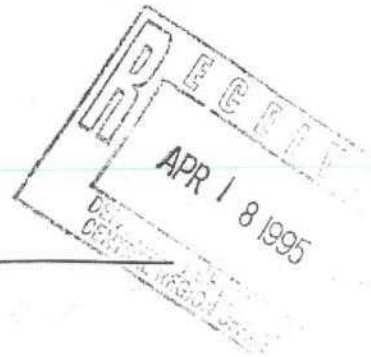
UST Owner/Operator: R.H. Smith Distributing
Owners Address: PO Box 6
Grandview, WA 98930
City State Zip+4 (required)
Telephone: (509) 882-3377
Site ID Number (on invoice or available from Ecology if tank is registered): 4-26 0087 (EPA)
Site/Business Name: Smitty's Conoco #140
Site Address: 120 E. Toppenish Avenue
Toppenish, WA 98948
City State Zip+4 (required)

2. TIGHTNESS TESTING PERFORMED BY:

Firm: Evergreen Environmental Services, Inc.
Service Provider License Number: EVERGES061J5
Address: 13619 Mukilteo Speedway, Suite 1145
Lynnwood, WA 98037
City State Zip+4 (required)
Telephone: (206) 787-9125
Licensed Supervisor: George Agard
Supervisor License Number: W000658

3. TANK AND TESTING INFORMATION

- Tank ID Number (as registered with Ecology): 1
- Date installed: 1974
- Tank capacity in gallons: 8000
- Date of tightness test: 3-29-95
- Last substance stored: Unleaded
- Is tank compartmentalized? no
- Tank is: ☒ single wall ☐ double wall
- Reason for conducting tightness test:
 - ☒ To comply with leak detection requirements in UST rules
 - ☐ To bring temporarily closed tank back into service
 - ☐ Tank or piping repair
 - ☐ Other (describe) _____
- Type of test conducted:
 - ☐ Tank tightness test only
 - ☐ Line tightness test only
 - ☒ Tank and lines tested separately
 - ☐ Total system test (tank and lines tested together)
- Test method type:
 - ☐ Overfill
 - ☒ Underfill volumetric
 - ☐ Nonvolumetric



11. Tightness testing method(s) used (Indicate if more than one method was used - see note following item 12):

Test method name/ US Test 2000P
Test method manufacturer US Test

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 60/40

Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested up to the 95% full level. When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards, for tightness testing.

13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): LESL

4. CHECKLIST

The following items shall be initiated by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Have all written testing procedures developed by the manufacturer of the testing equipment and method been followed while the test was being set up and conducted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Have all vapor pockets either been removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: <u>Passed</u> <input checked="" type="checkbox"/> <u>Failed</u> <input type="checkbox"/> Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. If a failed test has occurred, results indicate that there is a leak in the: <input type="checkbox"/> Tank <input type="checkbox"/> Piping System If known, the leak rate is: _____ gallons per hour	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tightness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

3-29-95
Date

George H. Glaser
Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4/4/95
Date

Freda Ayres
Signature of Licensed Service Provider (owner or person with signature authority)

4/7/95
Date

Susan K Smith
Signature of Tank Owner or Authorized Representative



UNDERGROUND STORAGE TANK Tightness Testing Checklist

0-55

The purpose of this form is to certify the proper tightness testing of underground storage tank (UST) systems including connected underground piping. Tightness testing shall be conducted in accordance with Chapter 173-360 WAC.

This Tightness Testing Checklist shall be completed and signed by a Licensed Tightness Testing Supervisor. The supervisor shall be on site when all tank tightness testing activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider.

A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

For further information about completing this form, please contact the Department of Ecology UST Section.

The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours.

APR 12 1995

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: R.H. Smith Distributing
Owners Address: PO Box 6
Grandview, WA 98930
City State Zip+4 (required)
Telephone: (509) 882-3377
Site ID Number (on invoice or available from Ecology if tank is registered): 4-260087
Site/Business Name: Smitty's Canoco #140
Site Address: 120 E. Toppenish Avenue
Toppenish, WA 98948
City State Zip+4 (required)

2. TIGHTNESS TESTING PERFORMED BY:

Firm: Evergreen Environmental Services, Inc.
Service Provider License Number: EVERGES061J5
Address: 13619 Mukilteo Speedway, Suite 1145
Lynnwood, WA 98037
City State Zip+4 (required)
Telephone: (206) 787-9125
Licensed Supervisor: George Peacock
Supervisor License Number: 42000658

3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology): 2 2. Date installed: 1974
3. Tank capacity in gallons: 6000 4. Date of tightness test: 3-29-95
5. Last substance stored: Regular 6. Is tank compartmentalized? NO
7. Tank is: ☒ single wall ☐ double wall

8. Reason for conducting tightness test:

- ☒ To comply with leak detection requirements in UST rules
☐ To bring temporarily closed tank back into service
☐ Tank or piping repair
☐ Other (describe) _____

9. Type of test conducted:

- ☐ Tank tightness test only
☐ Line tightness test only
☒ Tank and lines tested separately
☐ Total system test (tank and lines tested together)

10. Test method type:

- ☐ Overfill
☒ Underfill volumetric
☒ Nonvolumetric

11. Tightness testing method(s) used (Indicate if more than one method was used - see note following item 12):

Test method name/ US Test 2000P
Test method manufacturer US Test

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 60/100

Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested up to the 95% full level. When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards, for tightness testing.

13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): Legend

4. CHECKLIST

The following items shall be initiated by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.	<input checked="" type="checkbox"/>		
2. Have all written testing procedures developed by the manufacturer of the testing equipment and method been followed while the test was being set up and conducted?	<input checked="" type="checkbox"/>		
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	<input checked="" type="checkbox"/>		
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	<input checked="" type="checkbox"/>		
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)			<input checked="" type="checkbox"/>
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.			<input checked="" type="checkbox"/>
7. Have all vapor pockets either been removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?			<input checked="" type="checkbox"/>
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: <u>Passed</u> <input checked="" type="checkbox"/> <u>Failed</u> <input type="checkbox"/> Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.			
10. If a failed test has occurred, results indicate that there is a leak in the: <u> </u> Tank <u> </u> <u> </u> Piping System If known, the leak rate is: <u> </u> gallons per hour			

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tightness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

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3-29-95
Date

George M. [Signature]
Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4/4/95
Date
4/7/95
Date

Freda Sykes
Signature of Licensed Service Provider firm (owner or person with signature authority)
Susan K. Smith
Signature of Tank Owner or Authorized Representative



UNDERGROUND STORAGE TANK Tightness Testing Checklist

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1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: R.H. Smith Distributing
Owners Address: PO Box 6
Street Grandview, P.O. Box 98930
City WA State WA Zip+4 (required)
Telephone: (509) 882-3377
Site ID Number (on invoice or available from Ecology if tank is registered): 4-260087 (EPA)
Site/Business Name: Smitty's Conoco #140
Site Address: 120 E. Toppenish Avenue
Street Toppenish, County WA
City WA State WA Zip+4 (required) 98948

2. TIGHTNESS TESTING PERFORMED BY:

Firm: Evergreen Environmental Services, Inc.
Service Provider License Number: EVERGES061J5
Address: 13619 Mukilteo Speedway, Suite 1145
Street Lynnwood, P.O. Box 98037
City WA State WA Zip+4 (required)
Telephone: (206) 787-9125
Licensed Supervisor: Geary Peacock
Supervisor License Number: WU000658

3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology): 3
2. Date installed: 1976
3. Tank capacity in gallons: 4000
4. Date of tightness test: 3-29-95
5. Last substance stored: SUP UNID
6. Is tank compartmentalized? NO
7. Tank is: ☒ single wall ☐ double wall
8. Reason for conducting tightness test:
☒ To comply with leak detection requirements in UST rules
☐ To bring temporarily closed tank back into service
☐ Tank or piping repair
☐ Other (describe) _____
9. Type of test conducted:
☐ Tank tightness test only
☐ Line tightness test only
☒ Tank and lines tested separately
☐ Total system test (tank and lines tested together)
10. Test method type:
☐ Overfill
☒ Underfill volumetric
☒ Nonvolumetric

11. Tightness testing method(s) used (indicate if more than one method was used - see note following item 12):

Test method name: US Test 2000P

Test method manufacturer: US Test

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 65/35

Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested up to the 95% full level. When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards, for tightness testing.

13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): Log

4. CHECKLIST

The following items shall be initiated by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.	<u>B</u>		
2. Have all written testing procedures developed by the manufacturer of the testing equipment and method been followed while the test was being set up and conducted?	<u>B</u>		
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	<u>L</u>		
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	<u>B</u>		
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)			<u>L</u>
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.			<u>L</u>
7. Have all vapor pockets either been removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?			<u>L</u>
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: <u>Passed</u> <u>Failed</u> Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.			
10. If a failed test has occurred, results indicate that there is a leak in the: <u> </u> Tank <u> </u> Piping System If known, the leak rate is: <u> </u> gallons per hour			

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tightness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

3-29-95
Date

[Signature]
Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4/4/95
Date
4/7/95
Date

[Signature]
Signature of Licensed Service Provider Firm (owner or person with signature authority)
Susan K Smith
Signature of Tank Owner or Authorized Representative

INVOICE #EE000296

TEST DATE: 03/29/95

EVERGREEN ENVIRONMENTAL SERVICES
13619 MUKILTEO SPDW. SUITE 1145
LYNNWOOD WA. 98037

TANK STATUS EVALUATION REPORT

***** CUSTOMER DATA *****

R.H.SMITH
P.O. BOX 6

GRANDVIEW WASH
98930

CONTACT: SUE SMITH
PHONE #: 509-882-3377

***** SITE DATA *****

SMITTY'S # 140
120 E TOPPENISH AVE

TOPPENISH WASH
98948

CONTACT: SUE SMITH
PHONE #: 509-882-5609

***** COMMENT LINES *****

CURRENT EPA STANDARDS DICTATE
THAT FOR UNDERGROUND FUEL TANKS, THE MAXIMUM ALLOWABLE LEAK/GAIN RATE
OVER THE PERIOD OF ONE HOUR IS .05 GALLONS.

TANK #1: REG UNLEADED	TYPE: STEEL	RATE: .003995 G.P.H. GAIN
TANK IS TIGHT.		
TANK #2: REGULAR	TYPE: STEEL	RATE: .023917 G.P.H. LOSS
TANK IS TIGHT.		
TANK #3: SUPER UNLEADED	TYPE: STEEL	RATE: .037677 G.P.H. GAIN
TANK IS TIGHT.		

OPERATOR: _____

SIGNATURE: _____

DATE: _____

INVOICE #EE000296

TEST DATE: 03/29/95

EVERGREEN ENVIRONMENTAL SERVICES
13619 MUKILTEO SPDW. SUITE 1145
LYNNWOOD WA. 98037

TANK STATUS REPORT -- ULLAGE TEST

***** CUSTOMER DATA *****

R.H.SMITH
P.O. BOX 6

GRANDVIEW WASH
98930

CONTACT: SUE SMITH
PHONE #: 509-882-3377

***** SITE DATA *****

SMITTY'S # 140
120 E TOPPENISH AVE

TOPPENISH WASH
98948

CONTACT: SUE SMITH
PHONE #: 509-882-5609

***** COMMENT LINES *****

CURRENT EPA STANDARDS DICTATE
THAT FOR UNDERGROUND FUEL TANKS, THE MAXIMUM ALLOWABLE LEAK/GAIN RATE
OVER THE PERIOD OF ONE HOUR IS .05 GALLONS.

TANK #1: REG UNLEADED TYPE: STEEL SN: .14

TANK IS TIGHT.

TANK #2: REGULAR TYPE: STEEL SN: .21

TANK IS TIGHT.

TANK #3: SUPER UNLEADED TYPE: STEEL SN: .03

TANK IS TIGHT.

OPERATOR: _____ SIGNATURE: _____ DATE: _____

